C9600 Software Installation Guide

Your printer comes with drivers for both PostScript(PS) and PCL emulation. To set up the printer as a PostScript or PCL printer, you must install the PostScript or PCL driver. *Note: The MAC Installer will install only the PostScript driver.*

You must also configure either a local connection for printing directly to your printer or a network connection for printing over a network.

Selecting a printer driver in Windows

Select a driver appropriate for your application.

NOTE
For the most recent printer driver version, see our web site: http://my.okidata.com

PostScript printer driver

If you use PostScript fonts, or you will be printing PostScript graphics, choose this driver. Performance is faster and graphics print at their best quality.

PCL printer driver

If you use TrueType fonts and you do not print PostScript (including ".eps" files) graphics, choose this driver. This is more efficient and gives good results.

You can install both drivers and use either one depending on your application. However, each driver must be installed individually.

CAUTION!
Do not connect this product to an uninterruptible power supply (UPS). For further information please contact Oki Data at 1-800-OKIDATA or www.okidata.com.   ***Be sure to use the 15A AC power cord supplied with the printer. Use of a power cord NOT supplied with this printer, or an extension cord, may result in overheating, and could be a safety hazard.***

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Network Installation: Windows®

Complete these steps to install your printer on a network:

1 Install the Ferrite Core.

↓

2 Connect the Ethernet® Interface.

↓

3 Assign an IP address to the printer.

↓

4 Install the printer driver and OKI LPR utility.

↓

5 Install additional network utilities.

↓

6 Activate printer options.

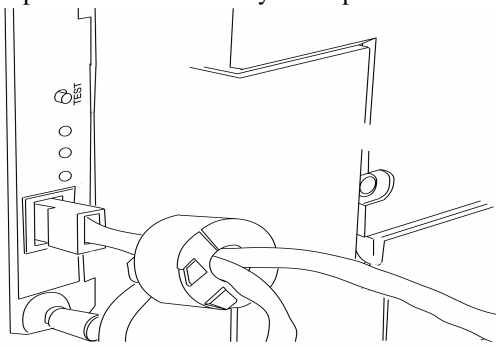
1 Install the Ferrite Core

IMPORTANT!

This safeguard is an FCC requirement.

In order to reduce electromagnetic interference—"noise" that interferes with TVs or other appliances—you must place the enclosed ferrite core on the network cable connected to your printer. Here is how to do it:

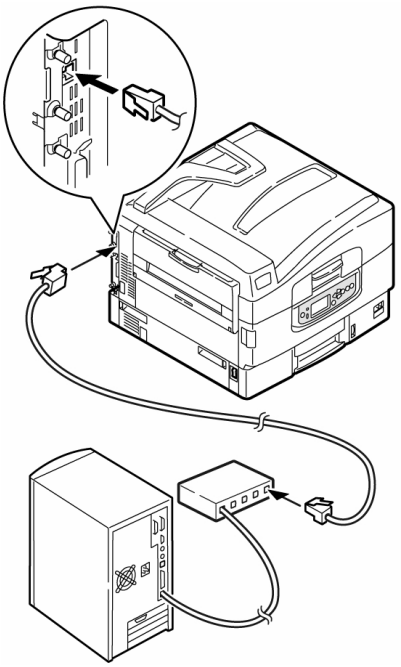
1. Disconnect the network cable from the printer, if necessary.
2. Loop the cable if necessary to keep the ferrite core in place.



3. Place the open core about 1 inch from the cable connector on the printer end.
4. Press the two halves of the core together until they click shut.

Network Installation: Windows (cont'd)

2 Connect the Ethernet Interface



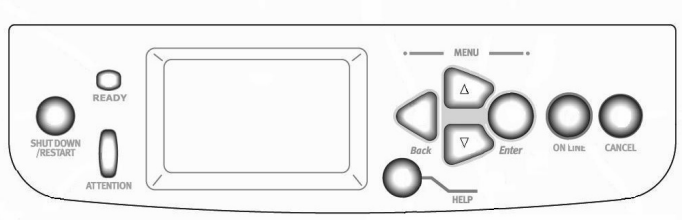
1. Switch off the printer and computer.
2. Remove the protective cover from the network connector on the printer.
3. Connect the Ethernet cable between the print and the Ethernet hub.

NOTE

For more information, see the Print Server User's Guide on CD2.

3 Assign an IP address to the printer

If you are not using DHCP, you need to obtain an IP Address from your network Administrator and enter it using the front panel:



1. Confirm that the printer displays [Ready to print].
2. Press ▽ key until [Admin Setup] appears.
3. ○ Press the Enter key.
4. Enter the password. Press △ key or ▽ key to enter the first figure of the password. Hold down the key more than two seconds to fast forward. Press the Enter key to proceed to the next figure.
5. ○ Press the Enter key again after completing the password.
6. Press the △ key several times until [Network Setup] appears.
7. ○ Press the Enter key. [Slot1: 100/10 Base] appears.
8. ○ Press the Enter key.
9. Press the ▽ key repeatedly until IP Address appears.
10. ○ Press the Enter key.
11. Press △ key or ▽ key to set the first figure of the IP address. Hold down the key more than two seconds to fast forward.
12. ○ Press the Enter key to proceed to the next character.
13. Repeat steps 11 through 12 to set all digits.
14. ◁ Press the Back key and repeat steps 9 through 13 to set the "subnet Mask" and "Gateway Address."
15. ○ Press the Online key until [Ready to print] appears.

Network Installation: Windows (cont'd)

4 Install the PostScript® Printer Driver and LPR Utility

1. Insert the CD into your CD-ROM drive. The CD will autorun. (If it doesn't, click **Start→Run→Browse**. Browse to your CD-ROM drive and double-click **Install.exe**, click **OK**.)
2. The License Agreement appears. Click **Next** if you agree.
3. If prompted, select your language.
4. Select **Custom Install**.
5. Click the **Printer Driver Installer** button.
6. Select **Network Printer**. Click **Next**.
7. Select **Directly to the Network using TCP/IP.**
8. The TCP/IP Connection screen appears. Select **Search Address**. Click **Next**.
9. Highlight your printer model. Click **Next**.
10. Select **Printer Emulation PS**. Click **Next**.
11. Follow the on-screen instructions to complete the installation.

Discover the printer

The LPR Utility is automatically installed with the network printer drivers. To discover the printer, do the following:

1. Click **Start → Programs → Oki Data → Oki Data LPR Utility**.
2. Click **Remote Print**, then click **Add Printer**.
3. Select your printer model from the drop-down list, then either enter the IP Address manually, or click **Discover** and wait for the printer to be discovered. Click **OK**.

For additional information, see the Print Server User's Guide located on CD-ROM 2.

NOTE

In order to send documents to the printer, the LPR utility must be installed. LPR installs automatically when the drivers are installed using the Menu Installer as instructed here. If drivers are installed using Windows Add Printer Wizard, you must manually load the LPR Utility from the Menu Installer on CD1. To do this, click Custom Install /Network Software/ InstallationConfig/OKI LPR.

To Install the PCL Driver as well

Follow the instructions for installing the PostScript driver. When prompted to select the printer emulation, select PCL.

Install Additional Network Utilities

In the Menu Installer, click the **Network Software** button. Click **Administration Tools** to install network management tools: click **Installation/Config** to install utilities for network printing, installation and configuration.

Click the **Productivity Software** button to install color and storage device management software.

Network Installation: Windows (cont'd)

6 Activating Printer Options

If your printer has a duplex unit or optional paper trays, you must enter the driver and activate them.

To activate in the PostScript driver

1. Click **Start** → **Settings** → **Printer**.
2. Right click the **Oki Data PostScript** printer icon, then click **Printers/Properties**.

Windows 2000, XP

1. Click the **Device Settings** tab.
2. Scroll down to **Installable Options**.
3. Click **Duplex**, select **Installed** in the drop-down box.
4. Click **Available Trays** and additional installed options.
5. Click **OK**.

Windows Me, 98, 95

1. Click the **Device Options** tab.
2. Select Duplex Option Unit; select available paper trays and additional installed options.
3. Click **OK**, then close the Printers dialog box.

To activate in the PCL driver

1. Click **Start** → **Settings** → **Printer**.
2. Right click the **Oki Data PCL** printer icon, then click **Properties** (Windows 2000/XP/Me/9x).
3. Click the **Device Options** tab.
4. Select Duplex Option Unit; select optional paper trays if installed.
5. Click **OK**, then close the Printers dialog box.

Network Installation: Novell®

Install the Utility

This utility installs, configures, and manages Oki network print server devices.

1. Insert the drivers CD supplied with your printer into your CD-ROM drive. The CD will AutoPlay. If is doesn't, click **Start** → **Run** → **Browse**. Browse to your CD-ROM drive and double-click **Install.exe**, then click **OK**.
2. The Licence Agreement appears. Click **I Accept**.
3. If prompted, select your language.
4. Select **Custom Install**.
5. The Menu Installer screen appears.
6. Click the **Network Software** button.
7. Click the **Installation/Config** button.
8. Click the **Admin Mgr/Quick Setup** button.
9. **Setup Assistant** displays. Select your language. Click **Next**.
10. Follow the on-screen instructions to complete the installation.

Note: *You can either install the software while running the utility off the CD, or you can choose to install the utility on your computer and then launch it from there.*

Install the Printer on a Novell® Network

Novell Client for Windows must be loaded, the Admin Manager software must be running, and you must be logged in to NDS.

1. Run **Discover**.
2. Select **Setup** from the menu.
3. Click **Create a NetWare Queue**.
4. Select **NDS Mode**. Click **Next**.
5. Select the container. Click **Next**.
6. Select **Print Server Mode**. Click **Next**.
7. Select or create a queue. Click **Execute**.

Launching the Utility

To launch the utility click **Start** → **Programs** → **Oki Data Setup Utility** → **Admin Manager.**

Activating Printer Options

If your printer has a duplex unit or second paper tray installed, you must enter the driver and activate them. See page 5 for instructions on how to do this.

NOTE

For more information, see the Print Server User's Guide on CD2.

Local Printer Installation: Windows®

USB Connection

Complete these steps to install your printer with a USB connection:

1 Connect the USB cable.

↓

2 Install the printer driver.

↓

3 Install productivity software.

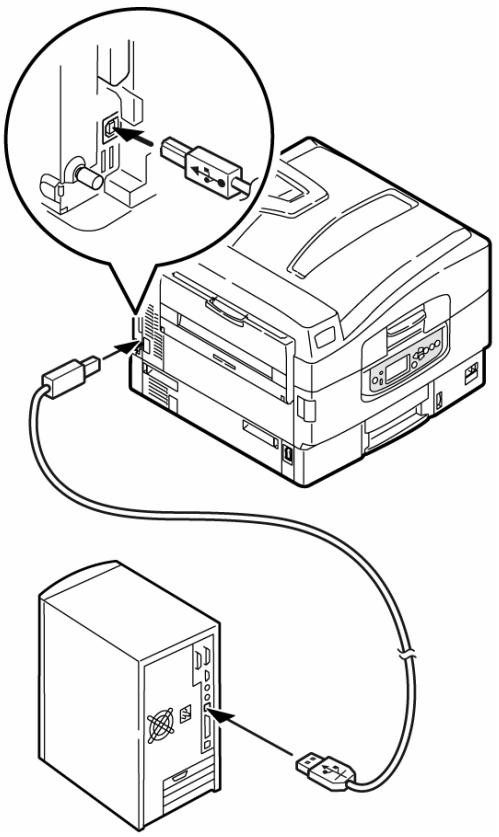
↓

4 Install the on-line user's guide.

↓

5 Activate printer options.

1 Connect the USB Cable



– For connection to a PC running Windows 98 or above

Requires a USB cable version 2.0 or above. *Printer operation is not assured if a USB compatible device is connected concurrently with it.*

1. Turn printer power off.
2. Connect USB cable between the printer and computer.

Local Printer Installation: Windows® (cont'd)

2 Install the PostScript Printer Driver

NOTE

The installation procedure may vary slightly depending on the operating system you are using. Drivers are provided for Windows® XP, 2000, Me, and 98.

1. Make sure the cable is connected to your printer and PC and your printer is turned **OFF**.
2. Insert CD1 (driver CD) supplied with your printer into your CD-ROM drive. The CD will autorun.
   (If it doesn't, click **Start → Run → Browse**. Browse to your CD-ROM drive and double-click **Install.exe**, click **OK**.)
3. The License Agreement appears**.** Click **Next** to accept the terms.
4. If prompted, select your language.
5. Select **Custom Install** to install the printer driver and software utilities. To install only the printer driver, select **Minimal Install** and skip the next step.
6. The Software Installation screen appears. Click the **Printer Driver Installer** button.
7. Click **Local printer**. Click **Next**.
8. Select the **USB** port. Click **Next**.
9. Select the PS (PostScript) printer emulation. Click **Next**.
10. If prompted, type a printer name for your printer. Click **Next**.
11. If prompted, select "do not share this printer" Click **Next**.
12. Drivers are copied. If **Connect cable** message appears, follow on-screen instructions.
13. Switch the printer **ON**.

NOTE

If New Hardware Found Wizard displays:

Win 98: Select "Search for the best driver for your device". Click **Next**. Select CD-ROM drive, clear other choices. Click **Next** twice.

Win XP and Win Me: Select "Install the software Automatically" or "Automatic Search... Click **Next**.

14. Click **Finish** to complete the installation.
15. If Connect cable screen is open, click **Finish** to close it.

To print a test page:

1. Click **Start → Settings → Printers.**
2. Right-click the printer icon.
3. Click **Properties → General Tab → Print Test Page**.

To Install the PCL Printer Driver as Well

NOTE

If you have installed the PostScript driver, you must reboot your system.

1. Make sure the printer is powered **OFF**.
2. Follow the instructions to install the PostScript driver. When prompted to select a port for your printer, select **LPT1** temporarily.
3. When prompted to select the printer emulation, select **PCL**.
4. When installation is complete, click **Finish**.
5. Select **Restart** if prompted.

Enable the USB port:

6. Click **Start → Settings → Printers**.
7. Right click the printer icon, then click **Properties**.

Local Printer Installation: Windows® (cont'd)

8. On the Ports (or Details) tab, select **USB001 port** (or OP1USB1) in the **Print to the following port** list.

9. Click **OK**, then close the Printers dialog box.

To print a test page:

1. **Start** → **Settings** → **Printers**.

2. Click the **General Tab**, click the **Print Test Page** button.

3 Install the Productivity Software

1. Load the driver CD (CD1) and select **Custom Install**.

2. Click the **Productivity Software** button to install color and storage device management software. Follow the on-screen instructions.

4 Install the On-line User's Guide

1. Insert CD2 into your CD-ROM drive. The CD will autorun.(If it doesn't, click **Start** → **Run** → **Browse**. Browse to your CD-ROM drive and double-click **Install.exe**, click **OK**.)

2. Click the **Documentation** button.

3. Click the **Install User's Guide** button.

4. Follow the on-screen instructions.

5. Activate the optional Duplex unit and paper trays

If your printer has a duplex unit or optional paper trays, see page 5 for instruction on how to do this.

Local Printer Installation: Windows®

Parallel Connection

Complete these steps to install your printer with a Parallel connection:

1 Connect the parallel Interface.

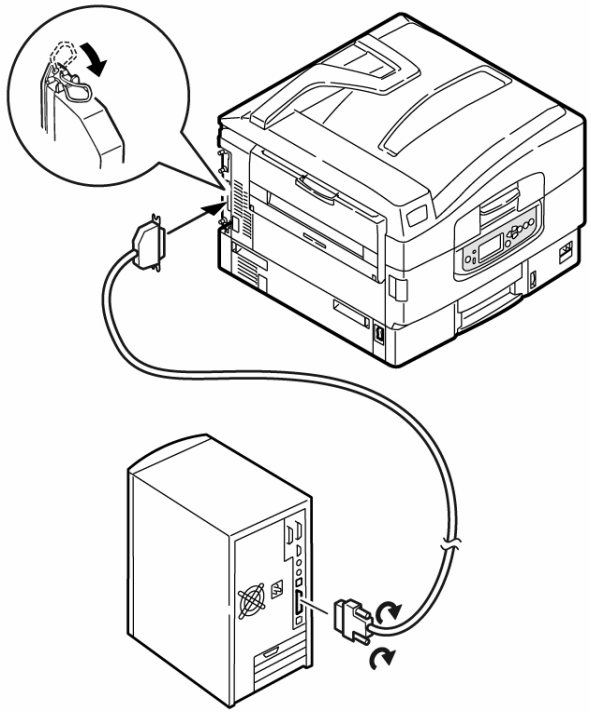
2 Install the printer driver.

3 Install the productivity software.

4 Install the User's Guide.

5 Activate printer options.

1 Connect the parallel Interface



– For direct connection to a PC

This port requires a bi-directional (IEEE 1284 compliant) parallel cable. *Cable must be shielded and UL and CSA approved.*

1. Make sure the printer is powered off.
2. Connect a parallel cable between the printer and computer.

Local Printer Installation: Windows® (cont'd)

2 Install the PostScript Printer Driver

NOTE

The installation procedure may vary slightly depending on the operating system you are using. Drivers are provided for Windows® XP, 2000, Me, and NT 4.0.

1. Make sure the cable is connected to your printer and PC and your printer is turned **OFF**.
2. Insert CD1 (driver CD) supplied with your printer into your CD-ROM drive. The CD will autorun.
   (If it doesn't, click **Start → Run → Browse**. Browse to your CD-ROM drive and double-click **Install.exe**, click **OK**.)
3. The License Agreement appears**.** Click **Next** to accept terms.
4. If prompted, select your language.
5. Select **Custom Install** to install the printer driver and software utilities. To install only the printer driver, select **Minimal Install** and skip the next step.
6. The Software Installation screen appears. Click the **Printer Driver Installer** button.
7. Click **Local printer**. Click **Next**.
8. Select the **LPT1** port. Click **Next**.
9. Select the PS (PostScript) printer emulation. Click **Next**.
10. If prompted, type a printer name for your printer. Click **Next**.
11. If prompted, select "do not share this printer" Click **Next**.
12. Follow the on-screen instructions to compete the installation. Click **Finish**.
13. Switch the printer **ON**.

To print a test page:

1. Click **Start → Settings → Printers.**
2. Right-click the printer icon.
3. Click **Properties → General Tab → Print Test Page**.
4. Click the Print Test Page button.

To Install the PCL Printer Driver as Well

NOTE

If you have installed the PostScript driver, you must reboot your system.

Follow the instructions to install the PostScript driver. When you are prompted for the Printer Emulation, select PCL.

3 Install the Productivity Software

1. Load the driver CD (CD1) and select **Custom Install**.
2. Click the **Productivity Software** button to install color and storage device management software. Follow the on-screen instructions.

4 Install the On-line User's Guide

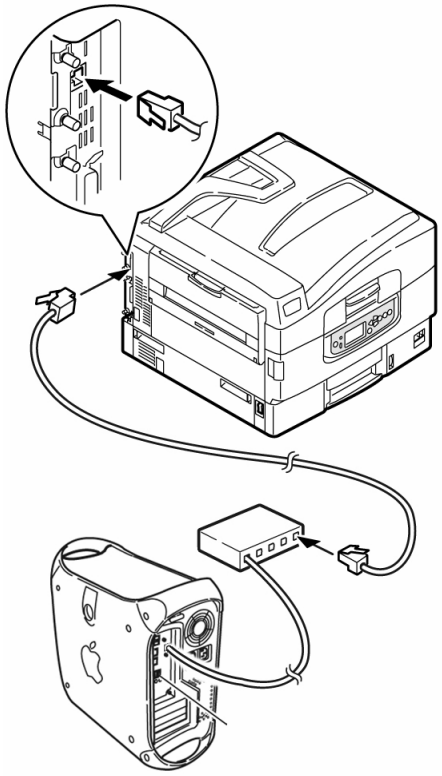
1. Insert CD2 into your CD-ROM drive. The CD will autorun.(If it doesn't, click **Start → Run → Browse**. Browse to your CD-ROM drive and double-click **Install.exe**, click **OK**.)
2. Click the Documentation button.
3. Click the **Install User's Guide** button.
4. Follow the on-screen instructions.

5 Activate the optional Duplex unit and paper trays

If your printer has a duplex unit or optional paper trays, see page 5 for instruction on how to do this.

Macintosh® Installation

Network Interface Connection



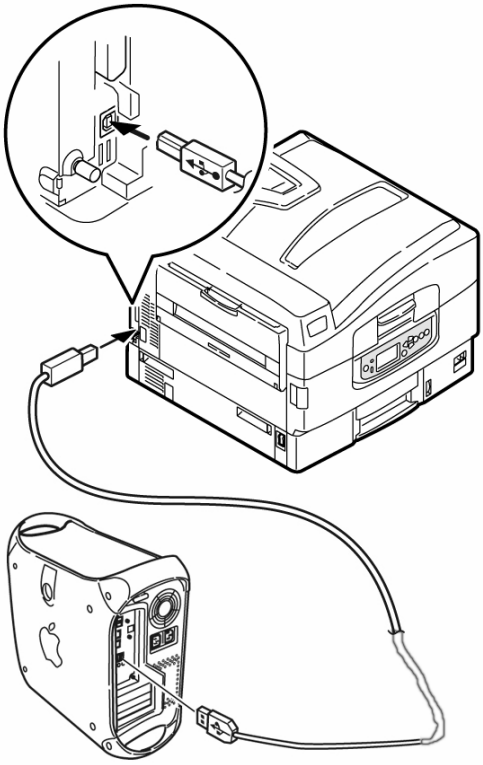
IMPORTANT!

Before connecting the network cable, install the Ferrite Core. See “1 Install the Ferrite Core” on page 2.

- Requires Mac® OS 7.X or above, running on a Macintosh computer with EtherTalk interface.
- Ethernet cable is not supplied with the printer. Use an Ethernet crossover cable with RJ45 connectors at either end.

1. Turn the printer **OFF**.
2. Remove the protective cover from the network connector on the printer.
3. Connect your Ethernet cable to the network port on the printer server.
4. Connect the other end of the Ethernet cable to the network port.

USB Interface Connection



- Requires Mac OS 9.04 or higher
- Printer operation is not assured if another USB compatible device is connected concurrently with it.
- If a USB hub is used, it must be connected directly to the computer.
- Depending on the size of the document, if the memory setting for the print monitor is low, you may not be able to print in the background. To correct for this, increase the memory setting for the print monitor.

1. Turn the computer and the printer **OFF**.
2. Connect the USB cable to the USB port on the computer.
3. Connect the other end of the cable to the USB port on the printer.

Macintosh® OS 9.1 to 9.2.x Installation

Install the Driver

1. Turn the printer ON, then turn the computer ON.
2. Place CD1, supplied with the printer, in the CD-ROM drive.
3. Double-click the **OKI CD** icon that appears on the desktop.
4. Open the folders. Double-click **MAC** → **Driver Installers**.
5. If prompted, select your language.
6. Double-click the **MAC Installer** icon, click **Continue**.
7. Click **Accept** to accept the License Agreement.
8. To install only the printer driver, click **Install**.

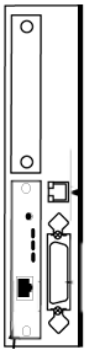
9. To select the printer driver plus additional utilities, select **Custom Install.**

10. Check the utilities you want to install. Click **Install.**
11. Select your printer model, click **OK**.
12. Click **Continue**.
13. Select the **Pantone Files** for your printer model, click **Install.**
14. When the installation is complete, click **Quit**.

Create the Desktop Printer for a Network

1. Activate **Chooser** from the Apple menu.
2. Select the **LaserWriter8** icon and highlight the printer name (print server ID#).
3. Click **Create**.
4. Close **Chooser**.

> ! *If you need to verify the printer name, press the print server test button to print the Configuration pages. The printer name is on the second page.*



Create the Desktop Printer for USB

1. Navigate to **Applications Mac OS 9 →Utilities.**
2. Double-click the **Desktop Printer Utility** icon.
3. In the drop-down box, select **LaserWriter 8**.
4. Highlight **Printer (USB)** under Create Desktop. Click OK.
5. Under USB Printer Selection, click **Change**.
6. Highlight your OKI printer model, click **OK**.

Macintosh® OS 9.1 to 9.2.x Installation (cont'd)

7. Click **Create**. The OKI printer icon appears on the desktop.

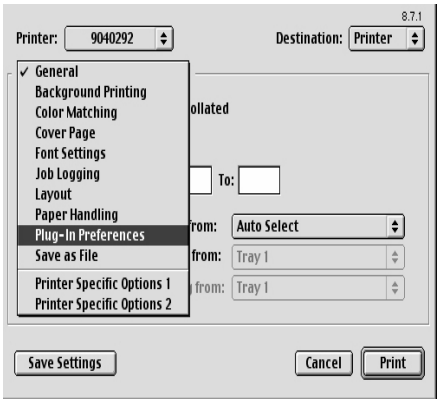
8. Click **AutoSetup**.

Accessing Advanced Features

1. Select **File** on the desktop menu.

2. Click **Print Desktop** from the drop down menu.

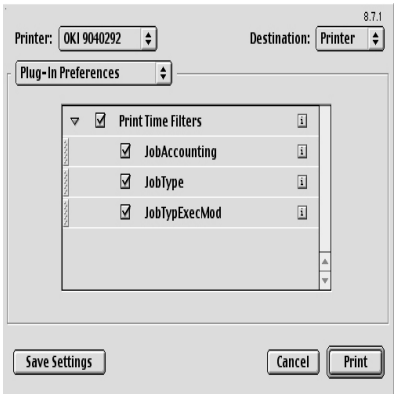
3. Select **Plugin Preferences** from the pull-down menu.



4. Click on the **Print Time Filters** triangle.

5. Check **Print Time Filters**.

6. Check **Job Accounting**, and **Job Type**.



7. Click **Save Settings**. Click **OK**.

On-Line Manuals

For additional information on using printer features as well as printer utilities, see the on-line reference manual.

Requirements

- Microsoft Internet Explorer version 4.0 or higher and Acrobat Reader.

To Load the Manuals

In order to open the on-line manual, you must have Acrobat Reader installed.

1. Insert CD2 into your CD-ROM drive.

2. From the CD contents folder, drag the **Manual** folder to the desktop.

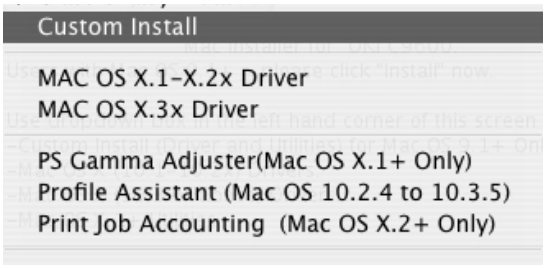
Macintosh® OS X.1+ to X.3+ Installation

Install the Driver and Utilities

> ! *Be sure to switch off antivirus software before installing a printer driver.*

1. Turn the printer ON, then turn the computer ON.
2. Place the CD supplied with the printer in the CD-ROM drive.
3. Double-click the **OKI CD** icon that appears on the desktop.
4. Open the folders. Double-click **MAC** → **Driver Install**.
5. If prompted, select your language.
6. Double-click the **Mac Installer** icon, click **Continue**.
7. Click **Accept** to accept the software license agreement.
8. The Mac Installer screen appears.

9. Click on the dropdown menu. Select the MAC OSX you are using. Click **Install**.
10. Select your printer model, click **OK**.
11. Click **Continue** to install software utilities.
12. Click on the dropdown menu. Click the utility you want to install. Click **Install.**



13. Click **Continue** to install additional utilities.
14. Select your printer model and print resolution. Click **OK**.
15. Select **Pantone Files** for your printer model. Click **Install**.
16. When the installation is complete, click **Quit**.

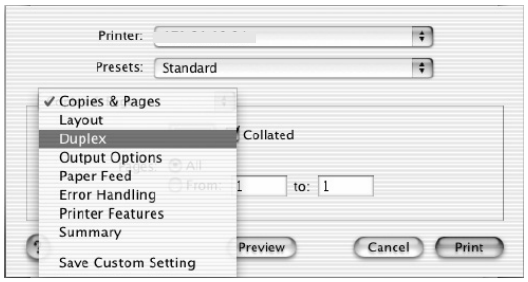
Adding the Printer

1. Run the Print Center (or Print Setup Utility X.3). Click **Add** printer.
2. Select **IP Printing** from the drop down menu.
3. ***Note:*** *If you are using USB, select USB and disregard the following step.*
4. Enter the printer's IP address.
5. From the Printer Model drop down menu, select the correct PPD for your printer model. Click **Add**.
6. Quit the Print Center.

Macintosh® OS X.1+ to X.3+ Installation cont'd

Activating the Duplex Unit

1. From your application, click **File** → **Print** → **Duplex**.



2. Select the Duplex binding.

3. Click **Print**.

To Run Job Accounting for Mac Clients

Note: Requires OS 10. 2 or later. For details, refer to the "Print Job Accounting User's Manual".

1. After Print Job Accounting is installed, a folder will be created in the [Applications] folder.

2. To run the utility double-click Okidata → Print Job Accounting.

3. Enter the System Logon Password. Follow the on-screen instructions.

On-Line Manuals

For additional information on using printer features as well as printer utilities, see the on-line reference manual. See page 14 for loading instructions.

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